

**REMARKS**

This Amendment is filed in response to the March 22, 2005 Decision in this case by the U.S. Patent and Trademark Office Board of Patent Appeals and Interferences. In that Decision, the Board remanded this case to the Examiner for consideration of an amendment to the specification that provides definitions for the terms "Fourier Series in Fourier Space" and "Probability Operand."

This Amendment adds these definitions, which are consistent and coextensive with Applicant's Submission to Board of Patent Appeals and Interferences Under Rule 196(d) in Response to Requirement to Address Matters for Decision in the Pending Appeal, filed January 27, 2005, as required by the Board in its Remand Decision. [Decision at p. 10.] Further, this Amendment has been timely filed within the two-month time period set by regulation. [See 37 C.F.R. §§ 1.196(b) and 41.50.] Entry of this amendment, along with these Remarks is, therefore, respectfully requested.

Support for the added definitions is found in the original disclosure as set forth in the Board's Decision and explained in Applicant's January 27, 2005 Submission. These added definitions for the terms "Fourier Series in Fourier Space" and "Probability Operand" are consistent with those Applicant originally attributed to the corresponding terms in the claims as presented in arguments to the Examiner. The Board specifically stated in its Remand Decision that these added definitions do not constitute new matter. [Decision at p. 9.]

Please charge any required extension or other fees required to have this Amendment entered to our deposit account No. 50-0687, under order No. 62231.

Entry of this Amendment and issuance of a Notice of Allowance in conformance with the Board's Remand Decision are respectfully requested.

Respectfully submitted,



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